

Appl. No. 09/520,249
Amdt. dated September 18, 2003
Reply to Office Action of July 14, 2003

Atty Docket No.: 99-009

LISTING OF CLAIMS: This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-31 (cancelled)

Claim 32. (previously presented) An additive-matrix mixture formed by mixing ingredients comprising a poly(vinyl chloride)-containing matrix resin and at least one aqueous additive system, wherein each of the at least one aqueous additive systems comprises one polymeric additive selected from the group consisting of:

- i) acrylic impact modifiers;
- ii) methyl methacrylate-butadiene-styrene modifiers; and
- iii) polymeric processing aids;

wherein the amount of polymeric additive in each of the at least one aqueous additive systems is from 5 to 70 percent by weight of the aqueous additive system.

Claim 33. (previously presented) The additive-matrix mixture of claim 32, wherein at least one of the at least one aqueous additive system comprises one polymeric processing aid for poly(vinyl chloride).

Claim 34. (previously presented) The additive-matrix mixture of claim 32, wherein at least one of the at least one aqueous additive system comprises one polymeric processing aid for poly(vinyl chloride) that is a lubricating processing aid.

Claim 35. (previously presented) The additive-matrix mixture of claim 32, wherein at least one of the at least one aqueous additive system

comprises one polymeric processing aid for poly(vinyl chloride) that is a graft copolymer comprising at least 10 percent by weight of a rubbery core, based on the weight of the graft copolymer.

Claim 36. (previously presented) The additive-matrix mixture of claim 32, wherein at least one of the at least one aqueous additive system comprises one polymeric additive selected from the group consisting of:

- i) an acrylic impact modifier that is a graft copolymer having over 70 percent by weight of a rubbery core, based on the weight of the graft copolymer; and
- ii) a methyl methacrylate-butadiene-styrene modifier that is a graft copolymer having over 70 percent by weight of a rubbery core, based on the weight of the graft copolymer.

Claim 37. (previously presented) The additive-matrix mixture of claim 32, wherein at least one of the at least one aqueous additive system comprises one polymeric additive selected from the group consisting of:

- i) an acrylic impact modifier that is a graft copolymer having 90 to 95 percent by weight of a rubbery core, based on the weight of the graft copolymer; and
- ii) a methyl methacrylate-butadiene-styrene modifier that is a graft copolymer having 90 to 95 percent by weight of a rubbery core, based on the weight of the graft copolymer.

Claim 38. (previously presented) The additive-matrix mixture of claim 32, wherein the ingredients comprise an aqueous additive system comprising one polymeric additive synthesized by emulsion polymerization.

Claim 39. (previously presented) The additive-matrix mixture of claim 32, wherein the ingredients comprise at least one additive system that is in the form of a coagulated slurry or wetcake.

Claim 40. (new) The additive-matrix mixture of claim 32, further comprising at least one compound selected from the group consisting of: a plasticizer, a UV stabilizer, a lubricant, a wax, a pigment, a toner, a rheology modifier, a flame retardant, a thermal stabilizer, an antioxidant, a filler, a mold release agent, and hollow spheres.